

## PPRC1 蛋白抗体

产品货号： mlR19977

英文名称： PPRC1

中文名称： PPRC1 蛋白抗体

别 名： Peroxisome proliferator-activated receptor gamma coactivator-related protein 1; PGC-1-related coactivator; PRC.

研究领域： 细胞生物 转录调节因子 表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Pig, Cow, Horse, Sheep,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量： 177kDa

细胞定位： 细胞核

性 状： Lyophilized or Liquid

浓 度： 1mg/ml

**免 疫 原：** KLH conjugated synthetic peptide derived from human PPRC1:1201-1300/1664

**亚 型：** IgG

**纯化方法：** affinity purified by Protein A

**储 存 液：** 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

**保存条件：** Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

**PubMed：** PubMed

**产品介绍：** The protein encoded by this gene is similar to PPAR-gamma coactivator 1 (PPARGC1/PGC-1), a protein that can activate mitochondrial biogenesis in part through a direct interaction with nuclear respiratory factor 1 (NRF1). This protein has been shown to interact with NRF1. It is thought to be a functional relative of PPAR-gamma coactivator 1 that activates mitochondrial biogenesis through NRF1 in response to proliferative signals. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2013]

**Function:**

Acts as a coactivator during transcriptional activation of nuclear genes related to mitochondrial biogenesis and cell growth. Involved in the transcription coactivation of CREB and NRF1 target genes.

**Subcellular Location:**

Nuclear

**Tissue Specificity:**

Strongly expressed in heart and skeletal muscle, moderately in lung, placenta, intestine, liver, kidney, spleen, thymus, colon and brain. Also expressed in several oncocytic thyroid tumors.

**Similarity:**

Contains 1 RRM (RNA recognition motif) domain.

**SWISS:**

Q5VV67

**Gene ID:**

23082

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.